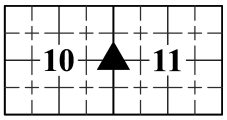
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: **Jackson_G17**

Quarter Corner

Sections 10 & 11 - T06N - R03W, 2nd P.M.

Jackson Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
A 4" x 8" stone with a chiseled + on top and no other markings was found 3" above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
From the north end of West Drive, walk northerly along the creek for approximately 700 feet. The stone is 2.3 feet north of an east/west fence and 23.7 feet east of a north/south fence.

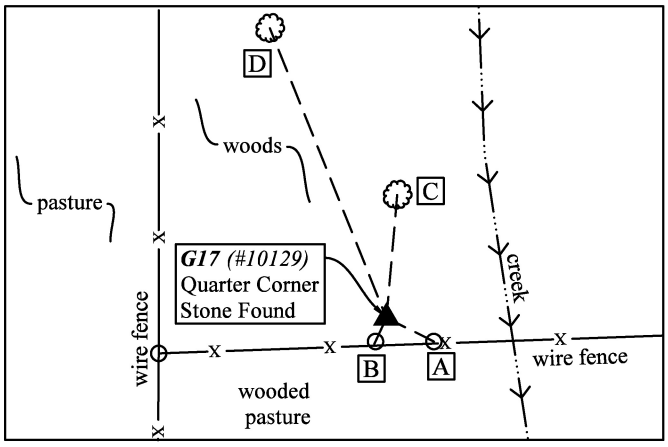
GEODETIC COORDINATES: (OSM #10129)

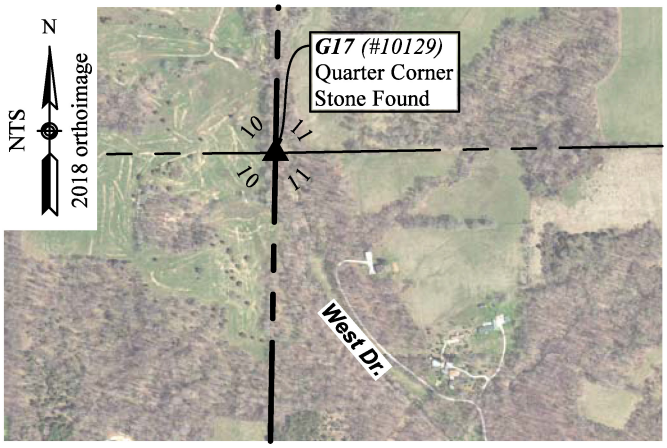
Northing	Easting	Datum
307747.49	895503.20	InGCS Greene Zone, US Survey Feet
1355756.65	3056109.02	NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	S 64° E	5.5'	2" mag nail and 1-1/2" orange plastic disc set 9" above grade on the northeast side of a 6" wood post with fence to the east and west
B	S 25°W	3.0'	2" mag nail and 1-1/2" orange plastic disc set 5" above grade on the west side of a 6" wood post with fence to the east and west and a Greene County Survey Marker sign set on the north side of the post
C	N 5°E	12.8'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the east side of a 12" dbh white oak
D	NW	32.4'	13" dbh hickory (bearing tree or resprout from 1879 legal survey)

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.





CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.
Greene County Surveyor F.B. Cressy commenced a survey at this corner in 1847. He did not describe the monument, but when F.M. Parker accepted this stone in 1879, he attributed its origin to Cressy. Subsequent surveys have consistently accepted the stone as the corner. A 13" hickory was found in the same location as the 5" hickory bearing tree from the 1879 survey.

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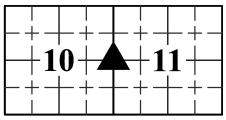

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811-1812 By: Arthur Henrie

Where filed or recorded: F_EV03P340

Original monument: Wooden Post

Bearing Trees or Witness Ties:	Bearing	Distance
10" Sugar	S 45° E	13.9'
10" Hickory	N 35° W	5.3'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 8/21/1879 By: F.M. Parker, GCS

Where filed or recorded: Legal Survey Book 3, page 72

Monument: Left old stone set by Cressy standing

Bearing Trees or Witness Ties:	Bearing	Distance
10" Beech	N 82° E	75.9'
5" Hickory ***(13" hickory 2022)***	N 22° W	31.7'

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
12/1/1847	Cressy, F.B.	Legal Survey in Section 10 ***(Monument not described – Origin of stone per Parker)***	LSB1, pg 177
8/21/1879	Parker, F.M.	Legal Survey in Section 3 *(Found old stone set by Cressy)*	LSB 3, pg 72
2/7/1882	Parker, Francis M	Legal Survey in Sections 11, 13 & 14	LSB3, pgs 131-135
7/14/1993	Farkas, Edmund O.	Survey for West in Section 11	1993-3353
12/14/1993	Tibbett, James C.	Survey in Section 11	1993-3822
12/7/2010	Badger, Matthew G.	Woodyard Site in Sections 3, 4, & 10	2011-2908
4/15/2015	Ramsey, Stephen E.	Survey in Section 11	2015-2196

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 23.7 feet due to a north/south fence line to the west. An old road bed runs north/south on the east side of the north/south fence.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.

Photo Orientation & Description: Stone at G17

Photo Orientation & Description: Looking south at G17

FIELD PERSONNEL:

Field Date: 1/27/2022 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226B Corner Perpetuation Survey for Jackson Township Sections 03, 04, 09 & 10, Township 6 North, Range 3 West

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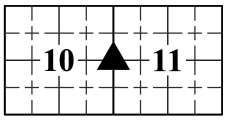

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Rachel Oser Date: 2/25/2022

This document is not complete without the associated plat and report of even date.